



CADD PRIMER

A Free Book on Computer Aided Design and Drafting (CADD).

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CADD PRIMER (Condensed version)

This condensed version of CADD PRIMER is intended to give you an overview of Computer Aided Design and Drafting (CADD). It contains only selected topics from CADD PRIMER and it does not include any diagrams. For a better understanding of CADD refer to CADD PRIMER: available at <http://www.caddprimer.com> or contact the publisher listed below to order the book.

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...Thank you.

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What others are saying about CADD PRIMER

Mr. David Byrnes, CAD Systems Magazine (June 2000 issue):

"CADD Primer is a fine introduction to the field of computer-aided drafting and design. Its discipline-independent, platform-independent and program-independent coverage has something for everyone, from the prospective Pro/E modeller on her Unix workstation to the prospective FormZ designer on his Macintosh. And if you're no longer a "prospective" CADD user yourself, you probably know someone who's starting out in the field. Do them—and maybe yourself—a favour, and give them a copy of CADD Primer."

Mr. Tony Zilles: Editor CADinfo.net magazine (Oct. 2000 issue:

"The CADD Primer is an ideal book for high school or college-level study of CAD systems. It is also suitable for those considering CAD for work or hobby use but who are confused or intimidated by the technology and the jargon that goes with it. The CADD Primer contains all the information that very quickly becomes second knowledge to those who use CAD systems on a regular basis. Most "old hands" learned the information the CADD Primer contains over many years. For the new recruit, the body of "must-have" basic information presents a great hurdle within itself, even before learning a particular CAD program and the discipline that you intend to use it with. All the basic information anyone could need is available, accessible and affordable in the CADD Primer. Highly recommended."

Prof. Eden Muir, Director of Computer Sequence, Columbia University:

"It is a useful and clear guide for a general introductory course which is not product-specific."

Prof. Q. Jeffrey Ge, Asst. Prof. State University of New York:

"I enjoyed reading the book. The material is well organized and clearly explained in layman terms."

Prof. Bruce M. Coleman, CAD class, Syracuse University:

"This book would be helpful to any individual seeking knowledge about CADD, regardless of a formal training program."

Mr. James Wilson, CADD/GIS center, US Department of Defense:

"This is a good manual to use as a guide to teach someone with no CADD experience, the basic concepts of CADD. It is best when it is used before an actual application has been purchased. It meets its intended goals for its audience."

See detailed reviews at <http://www.caddprimer.com>.

Preface

Welcome to the world of **Computer Aided Design and Drafting (CADD)**. *CADD PRIMER* is designed to teach you all the skills necessary to learn CADD in a successful and professional manner. It assumes that you have very little experience with computers; however, you are familiar with basic geometry and the concept of drafting.

CADD software is commonly used for drafting architectural and engineering drawings and for making technical illustrations of any kind. If you are a professional associated with design or drafting or would just like to widen your knowledge about CADD applications, then *CADD PRIMER* is for you.

CADD enables you to prepare fast and accurate drawings. It provides flexibility to change drawings with minimal effort. In recent years, many professionals have switched to CADD to enjoy the benefits of this precise and creative tool. Today, many educational institutions include CADD as part of their academic curriculum. As a result, CADD knowledge has become very important to all professionals involved in the field of design and drafting.

There are a variety of systems and programs available in the CADD industry and new programs are frequently introduced. It has become very confusing to select a system and learn all the applications and techniques of CADD. Design and operation of CADD programs differ from system to system, and time spent in learning one system may not prove very useful on another.

CADD PRIMER does not focus on a specific CADD program. It provides general information that is applicable to all the leading CADD programs, such as AutoCAD, MicroStation and Cadkey. *CADD PRIMER* can give you a head start in learning CADD, regardless of whatever CADD program you may have to use.

Who can benefit from <i>CADD PRIMER</i>:
<ul style="list-style-type: none">• Students associated with drawing.
<ul style="list-style-type: none">• Design or drafting professionals who would like to get a quick overview of CADD.
<ul style="list-style-type: none">• A novice or scholar who always wondered how the drawings are created using a computer!

Important note:
<i>CADD PRIMER</i> is not a “how-to” book. Although it uses examples from leading CADD programs, they are intended to illustrate general principles only.
<i>CADD PRIMER</i> is a beginner’s reference book on CADD.

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Not all the topics listed below are included in the condensed version on CADD PRIMER. For complete understanding of CAD refer to CADD PRIMER available at <http://www.caddprimer.com>

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